

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/590738	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/17 12:04
S2	935	(koda near2 takeshi) (kazuo near2 kuroda)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/17 12:36
S3	40	(controlling near2 device) and (buffer near2 area) and (recording near2 layer) and (predetermined) and circumferential	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/17 12:39
S4	63464	"369"/\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/17 12:39
S5	28	S2 and S3 and S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/17 12:39
S6	6890	(variable vary\$4 changeable chang\$4) with (buffer guard) with (area zone field section)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/17 12:53
S7	467	S4 and S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/17 12:53

S8	1321680	(double dual second two multi) with layer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/17 12:53
S9	84	S7 and S8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/17 12:54
S10	1095	(variable vary\$4 changeable chang\$4) near5 buffer near2 (area zone field section)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/17 12:57
S11	87	S4 and S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/17 12:57
S12	7073	(increas\$4 add\$4 creat\$4 form generat\$4) near5 buffer near2 (area zone field section)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/17 14:05
S13	273	S4 and S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/17 14:06
S14	99	S8 and S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/17 14:06
S15	7286	(increas\$4 creat\$4 record \$4 writ\$4) near5 buffer near2 (area zone field section)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/17 14:32
S16	1081	S4 and S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/17 14:32

S17	326	S16 and S8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/17 14:32
S18	11342	(first near3 layer) same (second near3 layer) same buffer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:26
S19	36	outer near2 circumferential	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:27
S20	0	S18 and S19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:27
S21	120333	outer near2 circumferential	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:27
S22	70	S18 and S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:27
S23	155436	(buffer dummy) near2 data	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:29
S24	31	S21 with S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:29
S25	17	S18 and S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:29

S26	707600	circumferential	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:32
S27	52	S23 with S26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:32
S28	1226855	(buffer dummy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:32
S29	418	S21 with S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:32
S30	24	S18 and S29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:33
S31	425980	(first near3 layer) same (second near3 layer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:33
S32	56	S29 and S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:33
S33	1152894	outer near2 (circumferential edge boundary circumference peripher\$3 threshold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:36
S34	1206141	(outer outermost outlying outmost outward exterior) near2 (circumferential edge boundary circumference peripher\$3 threshold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:37

S35	3967	S28 with S34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:37
S36	440	S31 and S35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:37
S37	96	S23 and S36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:37
S38	742	(lead near2 out) with (buffer dummy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:39
S39	36	S18 and S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:39
S40	1335	first near2 lead near2 in	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:58
S41	192917	(final\$4 clos\$4) with (disc disk)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:59
S42	0	S40 and S41 and S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:59
S43	26	S40 and S41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:59

S44	3678336	(record\$4 writ\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 16:13
S45	9528	S28 and S44 and S41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 16:13
S46	609	S33 same S28 same S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 16:14
S47	172654	(buffer dummy) near2 (data zone area)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 16:14
S48	145	S31 and S46	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 16:15
S49	2	("2004/0125738").URPN.	USPAT	OR	OFF	2009/10/28 16:17
S50	15	("20010033517"   "20020041550"   "20020080706"   "20030048727"   "20030133376"   "20030227846"   "20040125738"   "20050207262"   "20050219979"   "20060007847"   "20060072408"   "6577571"   "6700843"   "6862256"   "7142495"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 16:18
S51	28	buffer same (test near2 zone) same (lead near2 out) same (defect near2 management near2 zone)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 16:21
S52	128594	(buffer dummy) near2 (area zone sector data)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 16:22
S53	492	S34 same S52	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 16:22

S54	141	S41 and S44 and S53	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 16:22
S55	14	border same finaliz\$4 same buffer	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 16:27
S56	26052	((increas\$4 add\$4) with ((buffer dummy) near2 (area zone sector data))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 16:28
S57	326	S56 and S41 and S34	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 16:30
S58	435	(first near2 lead near2 out) and (second near2 lead near2 out)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 16:33
S59	0	S57 and S58	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 16:33
S60	82	S47 and S58	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 16:34
S61	10	multisession and (final\$4 near2 session) and ((buffer dummy) same (lead near2 out))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 16:36
S62	14	multisession and (final\$4 clos\$4) and ((buffer dummy) same (lead near2 out))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 16:37
S63	42	(first near2 session) and (final\$4 clos\$4) and ((buffer dummy) same (lead near2 out))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 16:39
S64	152	(first near2 session) and (final\$4 clos\$4) and S56	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 16:40
S65	53	((increas\$4 variable add \$4) with ((buffer dummy) near2 (area zone sector data))) same (lead near2 out)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 16:44
S66	51	((increas\$4 add\$4) with ((buffer dummy) near2 (area zone sector data))) same (lead near2 out)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 17:02
S67	9	multisession and (second near2 layer) and (dummy buffer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 17:44
S68	1206141	(outer outermost outlying outmost outward exterior) near2 (circumferential edge boundary circumference peripher\$3 threshold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 17:46

S69	0	multisession and ((dummy buffer) with S68)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 17:46
S70	3967	((dummy buffer) with S68)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 17:46
S71	8	(second near2 session) and S70	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 17:47
S72	8	("20030081535"   "5881032"   "5966721"   "6072759"   "6370091"   "6424614"   "6801494"   "7184377").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 17:48
S73	7259	((dummy buffer) same S68)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 17:52
S74	9	(second near2 session) and S73	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 17:52

10/ 29/ 2009 1:17:50 PM

H:\ EAST Searches\ 10590738.wsp